

A Method and Apparatus for Automatically Adjusting Video Panning and Zoom Rates

Abstract of the Invention

In a video processing system a video processor is connected to receive a video from a video motion picture source. The video processor detects when a sequence of frames in a received video represents camera motion such as camera panning rates or camera zooming rates outside of predetermined guidelines. The system corrects for the guidelines being exceeded by retiming the video frames to be within the guidelines and then produces new frames by interpolation at standard video frame rates between the retimed frames.